

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known			
		Application Number	Not Assigned <u>10/822,524</u>		
		Filing Date	Herewith <u>04/12/2004</u>		
		First Named Inventor	Huang, et al.		
		Art Unit	TBD <u>2839</u>		
		Examiner Name	TBD <u>Robert</u>		
Sheet	1	of	2	Attorney Docket Number	TSM03-0008

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
<u>PK</u>	A	US-5,708,371	01-13-1998	Koyama	
<u>PK</u>	B	US-5,804,980	09-08-1998	Nikawa	
<u>PK</u>	C	US-5,952,837	09-14-1999	Koyama	
<u>PK</u>	D	US-6,028,435	02-22-2000	Nikawa	
<u>PK</u>	E	US-6,066,956	05-23-2000	Nikawa	
<u>PK</u>	F	US-6,078,183	08-20-2000	Cole, Jr.	
<u>PK</u>	G	US-6,180,407	12-12-2000	Nikawa	
<u>PK</u>	H	US-6,320,398 B1	11-20-2001	Nikawa	
<u>PK</u>	I	US-6,407,560 B1	06-18-2002	Walraven, et al.	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				

Examiner Signature	<u>[Signature]</u>	Date Considered	<u>5-31-05</u>
--------------------	--------------------	-----------------	----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.


This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449B/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	Not Assigned 10/822,524
				Filing Date	Herewith 04/12/2004
				First Named Inventor	Huang, et al.
				Art Unit	TBD 2829
				Examiner Name	TBD Robert
(Use as many sheets as necessary)				Attorney Docket Number	TSM03-0008
Sheet	2	of	2		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
AK	J	TAKASU, SHINICHI, "Application of OBIC/OBIRCH/OBHC (Semiconductor Failure Analysis)," Application & Research Center, JEOL Ltd., www.jeol.com/jeol_news601/News%20home/60/ , June 27, 2003	
AK	K	NIKAWA, KIYOSHI, et al., "New Capabilities of OBIRCH Method for Fault Localization and Defect Detection," 5 th Asian Test Symposium (ATS '97), November 17-18, 1997, pp. 214-219, 1997 Institute of Electrical and Electronics Engineers, Inc., Akita, Japan.	

Examiner Signature		Date Considered	5-21-05
--------------------	---	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*Applicant's unique citation designation number (optional). *Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.